

Dy 31 ctgtctccgcagcctcttctgttgtgctgtgaattctgttggaagtccctgtgtgcc 90
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Db 157 ctgcttccttctccacagtgaccacctggcgtagagatgagaagctgctgtgtccc 216

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|----|-----|--|-----|
| Qy | 91 | tgtgaacttgagccatttggtcttaatgtaaggtcattctctgaagaagctctaatgtaagggc | 150 |
| Db | 217 | ACTGATGGCACCCCATCTGGCTCAGCANTCGGGAGGCCCTTGGGGAACCTCCATGCGGAAGGC | 276 |
| Qy | 151 | catgaggtaaacagatgtgactcaactcaaaagccttcgttaattactacagaaagccctct | 210 |
| Db | 277 | CACCAAGGTGGGTGCTCCACCCCTGGAGGTAAATATGTACATCAAGAAGAAGACCTTTTC | 336 |
| Qy | 211 | gcattgaatttgagtggtgctcatatgcaacagagacagaaagaagaataatatt | 270 |
| Db | 337 | ACCCGTGAACAGTATGCCATTTCATGACCACGAGAC-----GAATTTGATCGCCCTTTG | 390 |
| Qy | 271 | gtgaactagctcgtgaatgtcttgccaggtcttcaaccctgcgaatcagtatataaata | 330 |
| Db | 391 | CTGGGTCACTCCATCGTTCCTTTGAAACAGACAGATCTTCTGTGAATTTTCTAGACAG | 450 |
| Qy | 331 | aatgattttttgttgaataaagagaaactttaaaatgtagtgaagacttatctac | 390 |
| Db | 451 | ATGGCAATTATGAACAAATATCTCTTTGATCATATCATAGTGCTTGTGTGGAGCTACGCAAT | 510 |
| Qy | 391 | aatcagacacttaagaagaagctaacagaaaccaaactagatgaagcttataagacct | 450 |
| Db | 511 | AATGAGGCCCTGATCAGACCACTCAATGCTACTCTTTGTGATGTGGTTCTTAACAGACCCC | 570 |
| Qy | 451 | gtgattccccgttgagactgtagtggcgtgaagttgttccagtcacccctttgtgtcaact | 510 |
| Db | 571 | TTTCACTCTCTCGCGCGGCTCTGGCTAGTAGTACTGTGATCTCTGCTGTGTGTTTTTTTG | 630 |
| Qy | 511 | agaactctctaaagaggaactatgtagcgaagctgtgtgaaacttccagctccacttcc | 570 |
| Db | 631 | AGGAACATTTCCATGTG---ATTAGACTTTAAGGCGACACAGTGTCACAAACCCCTTCCCTCC | 687 |
| Qy | 571 | tatgtacctgtgctctatgacagagactaacagacagaaatgacctttctgtgaagagtataa | 630 |
| Db | 688 | TATATTCCTAGATTACTACAGCACCAATTCACAGCACCATGACATTCCTGCAAAAGGGTCAAG | 747 |
| Qy | 631 | aa 632 | |
| Db | 748 | AA 749 | |

RESULT 2
PCT-US92-00282-16
Sequence 16, Application PC/TUS9200282
GENERAL INFORMATION:
APPLICANT: OWENS, IDA S.
APPLICANT: RITTER, JOSEPH K.
TITLE OF INVENTION: THE GENETIC LOCUS UGT1 AND A MUTATION
TITLE OF INVENTION: THEREIN.
NUMBER OF SEQUENCES: 40
CORRESPONDENCE ADDRESS:
ADDRESSEE: CUSHMAN DARBY & CUSHMAN
STREET: 1615 L STREET, N.W.
CITY: WASHINGTON
STATE: D.C.
COUNTRY: U.S.A.
ZIP: 20036-5601
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US92/00282
FILING DATE: 19920110
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: SCOTT, WATSON T.
REGISTRATION NUMBER: 26581
REFERENCE/DOCKET NUMBER: 91532-PCT
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-861-3000

TELEFAX: 202-822-0944
TELEX: 6714637 CUSH
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS
LENGTH: 1448 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
HYPOTHEetical: YES
PCT-US92-00282-16

| | | | | |
|-----------------------|--------------|--------------------|-----------------|--------------|
| Query Match | 7.68; | Score 54.4; | DB 5; | Length 1448; |
| Best Local Similarity | 52.68; | Pred. No. 3.7e-07; | | |
| Matches 143; | Conservative | 0; | Mismatches 126; | Indels 3; |
| | | | | Gaps 1. |

| | | | |
|----|-----|---|-----|
| OY | 361 | ttaaatgatgctgttgagacctatctatacatcagcctctttagaagagctcaaggaa | 420 |
| Db | 475 | tttcattagctcttctgtgtgacctaactgcattatgatagcccttgatcagccactgaaatgct | 534 |
| OY | 421 | accacactcaga ttgaacgcctatagaccctgtga tttccctgtgaaacctgatgtgctag | 480 |
| Db | 535 | acttccttgatgagtggttttatatgaccatttttacctctatgtggcgacgtctggcttaag | 594 |
| OY | 461 | ttgtctcagtcaccttttgctctcaacttgaaactctcttaagagcgaatagagcga | 540 |
| Db | 595 | taccattatattctcgcgtgttttttttttgaggacaattccatgtg---attttagacttt | 651 |
| OY | 541 | agctgtggaaactcagcagcccaacttctcctatgactc jccatagcaggaactaca | 600 |
| Db | 652 | aaggccacacagtgcccaaatcttccctcattatttctctaaattacacagaccattca | 711 |
| OY | 601 | gacagatgacctctctgaaagatlaaaaa | 632 |
| Db | 712 | gaccacatgacatttctgcataaaggctcagaa | 743 |

RESULT 3
PCF-US92-00282-14
Sequence 14, Application PC/TUS9200282
GENERAL INFORMATION:
APPLICANT: OMENS, IDA S.
APPLICANT: RITTER, JOSEPH K.
TITLE OF INVENTION: THE GENETIC LOCUS UGT1 AND A MUTATION
TITLE OF INVENTION: THEREIN.
NUMBER OF SEQUENCES: 40
CORRESPONDENCE ADDRESS:
ADDRESSEE: CUSHMAN DARBY & CUSHMAN
STREET: 1615 L STREET, N.W.
CITY: WASHINGTON
STATE: D.C.
COUNTRY: U.S.A.
ZIP: 20036-5601
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version 1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCF/US92/00282
FILING DATE: 19920110
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: SCOTT, WATSON T.
REGISTRATION NUMBER: 26581
REFERENCE/DOCKET NUMBER: 91532-PCF
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-861-3000
TELEFAX: 202-822-0944
TELEX: 6714627 CUSH
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:

[illegible]

RESULT 7
 PCT-US92-00282-12
 Sequence 12, Application PC/TUS9200282
 GENERAL INFORMATION:
 APPLICANT: OWENS, IDA S.
 APPLICANT: RITTER, JOSEPH K.
 TITLE OF INVENTION: THE GENETIC LOCUS UG11 AND A MUTATION
 TITLE OF INVENTION: THEREIN.
 NUMBER OF SEQUENCES: 40
 CORRESPONDENCE ADDRESSES:
 ADDRESSEE: CUSHMAN DARBY & CUSHMAN
 STREET: 1615 L STREET, N.W.
 CITY: WASHINGTON
 STATE: D.C.
 COUNTRY: U.S.A.
 ZIP: 20036-5601
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: PCT/US92/00282
 FILING DATE: 19920110
 CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 NAME: SCOTT, WATSON T.
 REGISTRATION NUMBER: 26581
 REFERENCE/DOCKET NUMBER: 91532-PCT
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 202-861-3000
 TELEFAX: 202-822-0944
 TELEX: 6714627 CUSH
 INFORMATION FOR SEQ ID NO: 12:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 1197 base pairs
 TYPE: NUCLEIC ACID
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: cDNA

PCT-US92-00282-12

| | | | | |
|---------------------------|--------|--------------------|-----------|--------------|
| Query Match | 6.1%; | Score 43.6; | DB 5; | Length 1197; |
| Best Local Similarity | 50.8%; | Pred. No. 0.00067; | | |
| Matches 132; Conservative | 0; | Mismatches 124; | Indels 4; | Gaps 1; |

| QY | 373 | tgtagagagcttactcctaacaacaactatgagaagctlaaggaaccacaactagat | 432 |
|----|-----|--|-----|
| | | | |
| Db | 612 | tggttgagagctactgcattaatgagggcccttatcaggacacttgatgcttcttggat | 671 |
| | | | |
| QY | 433 | glaacgcttatagacccttggatctcccgctggagaccctgatbgtctggttcttcagtc | 492 |
| | | | |
| Db | 672 | gtgctttttaaagacagcccgtaaacctctgaggggcggtgcctgagtaagtacctgcattt | 731 |
| | | | |
| QY | 493 | cccttcttgctcaactataaactctctaaagagcatatgagcggaagctcttggaaa | 552 |
| | | | |
| Db | 732 | ctctctgtggttttttggaggtacattccatgctac---tttagacttttaaggccattaca | 787 |
| | | | |
| QY | 553 | cttcacagctccacttctcctatglaactctgctatgacaggaactaaacagaatgacc | 612 |
| | | | |
| Db | 788 | gtgtcaaatcttcctccttattatctcaagttaactaacgacacatttcagaccacatgaca | 847 |
| | | | |
| QY | 613 | ttcttgagaagagtaaaaaa | 632 |
| | | | |
| Db | 848 | tttctgtcaaaagggtcaagaa | 867 |

RESULT 8

; Sequence 1, Application US/08642846

; Patent No. 5886151

GENERAL INFORMATION:
APPLICANT: HOSTET

APPLICANT: GALE, CHERYL A.

APPLICANT: BENDEL, CATHERINE M.

APPLICANT: KATHLEEN
IAO, NIAN-JUN

TITLE OF INVENTION: CANDIDA ALBICANS GENE, INTEGRIN-LIKE

TITLE OF INVENTION: PROTEIN, ANTIBODIES, AND METHODS OF USE

NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:

ADDRESSEE: MUETING, RAASCH, GEBHARDT & SCI. APPACH, P.A.

STREET: 119 NORTH FOURTH STREET, SUITE 200

CITY: MINNEAPOLIS
STATE: MINNESOTA

COUNTRY: USA

ZIP: 55401

COMPUTER READABLE FORM:

COMPUTER: IBM PC compatible
MEDIUM TYPE: floppy

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OPERATING SYSTEM: PC-DOS/MS-DOS
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SOFTWARE: PatentIn Release #1.0,
 UNIVERSITY OF CALIFORNIA, SAN DIEGO

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/642,846

FILING DATE: 03-MAY-1996

CLASSIFICATION: 424

ATTORNEY/AGENT INFORMATION:
NAME. MIETTING ANN M

NAME, MOELING, ANN M.
REGISTRATION NUMBER: 33,

REFERENCE/DOCKET NUMBER: 110.00280101

TELECOMMUNICATION INFORMATION
TELEPHONE: 612-305-1217

TELEPHONE: 012 305 1221
TELEFAX: 612-305-1228

; INFORMATION FOR SEQ ID NO: 1

SEQUENCE CHARACTERISTICS:

LENGTH: 3194 base pairs
TYPE: nucleic acid

STRANDEDNESS: single

TOPOLGY: linear

MOLECULE TYPE: DNA (genomic)

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1 APPLICANT: MARUTA, Kazuhiko
2 APPLICANT: KUBOTA, Michio
3 APPLICANT: SUGIMOTO, Toshiyuki
4 TITLE OF INVENTION: RECOMBINANT THERMOSTABLE ENZYME WHICH
5 TITLE OF INVENTION: FORMS NON-REDUCING SACCHARIDE FROM REDUCING AMYLASEOUS
6 TITLE OF INVENTION: SACCHARIDE
7 NUMBER OF SEQUENCES: 19
8 CORRESPONDENCE ADDRESSES:
9 ADDRESSEE: Browdy and Neimark
10 STREET: 419 Seventh Street N.W. Ste. 300
11 CITY: Washington
12 STATE: D.C.
13 COUNTRY: U.S.A.
14 ZIP: 20004
15
16 COMPUTER READABLE FORM:
17 MEDIUM TYPE: Floppy disk
18 COMPUTER: IBM PC compatible
19 OPERATING SYSTEM: PC-DOS/MS-DOS
20 SOFTWARE: PatentIn Release #1.0, Version #1.30
21
22 CURRENT APPLICATION DATA:
23 APPLICATION NUMBER: US/08/840,236
24 FILING DATE: 11-APR-1997
25 CLASSIFICATION: 435
26
27 PRIOR APPLICATION DATA:
28 APPLICATION NUMBER: US 08/505,448
29 FILING DATE: 21-JUL-1994
30 APPLICATION NUMBER: JP 190183/1994
31 FILING DATE: 21-JUL-1994
32
33 PRIOR APPLICATION DATA:
34 APPLICATION NUMBER: JP 189706/1995
35 FILING DATE: 04-JUL-1995
36
37 ATTORNEY/AGENT INFORMATION:
38 NAME: Browdy, Roger L.
39 REGISTRATION NUMBER: 25,618
40 REFERENCE/DOCKET NUMBER: MARUTA-3
41 TELECOMMUNICATION INFORMATION:
42 TELEPHONE: (202) 628-5197
43 TELEFAX: (202) 737-3528
44
45 INFORMATION FOR SEQ ID NO: 2:
46
47 SEQUENCE CHARACTERISTICS:
48 LENGTH: 2160 base pairs
49 TYPE: nucleic acid
50 STRANDEDNESS: single
51 TOPOLOGY: linear
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53 MOLECULE TYPE: cDNA
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55 US-08-840-236-2
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Db 903 GAAATATCTATAGTGAAGTATTAAGAAATATAAGCGCAATATGATGACTATT 962
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RESULT 15
US-08-505-448A-5

; Sequence 5, Application US/08505448A
; Patent No. 5976856
; GENERAL INFORMATION:
; APPLICANT: MARUTA, Kazuhiko
; APPLICANT: KUBOTA, Michio
; APPLICANT: SUGIMOTO, Toshiyuki
; TITLE OF INVENTION: RECOMBINANT THERMOSTABLE ENZYME WHICH
; TITLE OF INVENTION: FORMS NON-REDUCING SACCHARIDE FROM REDUCING AMYLACEOUS
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Browdy and Neimark
; STREET: 419 Seventh Street N.W. Ste. 300
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/505,448A
; FILING DATE: 21-JUL-1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 190183/1994
; FILING DATE: 21-JUL-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 189706/1995
; FILING DATE: 04-JUL-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Browdy, Roger L.
; REGISTRATION NUMBER: 25,618
; REFERENCE/DOCKET NUMBER: MARUTA-3
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 628-5197
; TELEFAX: (202) 737-3528
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 2160 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; US-08-505-448A-5

Query Match 4.9%; Score 35; DB 2; Length 2160;
Best Local Similarity 45.7%; Pred. No. 0.38;
Matches 122; Conservative 0; Mismatches 145; Indels 0; Gaps 0;

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QY 273 tgacctagctcgaatgctctgcagagcctatcactcgttaacgttataataa 332
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QY 333 tgatttttggtaataagaggaac 359
Db 963 TACTTATGAAGTTAAAGATTAGCATC 989

Search completed: August 27, 2001, 17:54:57
Job time: 8485 sec

Tue Aug 28 10:04:29 2001

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